

## **BAB V**

### **SIMPULAN DAN SARAN**

#### **5.1 Simpulan**

1. Peningkatan konsentrasi CMC-Na 0,5%, 0,75% dan 1,0% berpengaruh terhadap mutu fisik, efektivitas dan stabilitas sediaan pasta gigi ekstrak kulit nanas (*Ananas comosus*) dalam bentuk gel.
2. Formula terbaik pada penelitian ini adalah Formula 3 (dengan konsentrasi CMC-Na 1,0%) yang telah memenuhi spesifikasi dari mutu fisik, efektivitas, stabilitas, dan keamanan sediaan.

#### **5.2 Saran**

Penelitian selanjutnya disarankan untuk melakukan penggantian bentuk ekstrak kulit nanas misalnya ekstrak kering agar sediaan pasta gigi yang dihasilkan memberikan penampilan warna yang lebih menarik dan menambahkan bahan yang berfungsi sebagai penstabil pH misalnya dapar sehingga mampu meningkatkan stabilitas sediaan yang dihasilkan.

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